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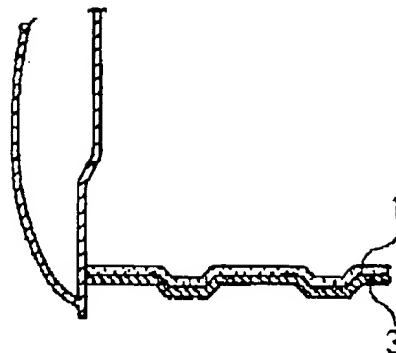
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TITLE : VIBRATION-DAMPING SHEET



ABSTRACT : PURPOSE: To obtain a vibration-damping sheet having excellent vibration-damping performances and a low weight ratio by molding a composition prepared by blending a polymer component comprising a cross-linkable resin and a rubber component with a viscoelastic material, an orientative inorganic filler, a cross-linking agent and a blowing agent.

CONSTITUTION: A composition obtained by blending (A) 100 pts.wt. polymer component comprising A₁: 50-90wt.% cross-linkable resin (e.g. 1,2-polybutadiene) and A₂: 10-50wt.% rubber component (e.g. natural rubber) with (B) 10-100 pts.wt. viscoelastic material, (C) 100-500 pts.wt. orientative inorganic filler (e.g. mica), (D) a cross-linking agent in an amount capable of making the component A into ebonite, e.g. 20-50 pts.wt. sulfur and (D) a blowing agent in an amount to give 1.5-5 times expansion ratio, e.g. 1-5 pts.wt. dinitrosopentamethylenetetramine together with an auxiliary (urea and derivative thereof) is blended by a kneader, extrusion molded to give a vibration-damping sheet. For example, the vibration-damping sheet 1 is set on a floor 3 of automobile, heated and softened into a vibration-damping sheet for automobile.

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